

This listing of claims will replace all prior versions and listings of claims in the application:

1 – 21. Cancelled

22. (Original) A projection system comprising,
a screen,
a projection unit optically coupled to the screen,
a plurality of beacon dots positioned about the periphery of the screen,

and

a detection system optically coupled to the screen and the plurality of
beacon dots.

23. (Original) The projection system of claim 22 wherein the detection
system includes a photocell and a lens coupled to the photocell .

24. (Original) The projection system of claim 23 wherein the lens is a
fish eye lens.

25. (Original) The projection system of claim 23 wherein the lens is an
insect eye lens.

26 . (Original) The projection system of claim 22 wherein the detection
system comprises an optical element and a detector element comprising an array of
photodetectors, the optical element being adapted to map a plurality of regions of
measurement (ROMs) onto the detector element.

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27. (Original) The projection system of claim 26 wherein the optical element comprises an array of lenses.

28. (Original) The projection system of claim 27 wherein the lenses are convex and hexagonal.

29. (Original) The projection system of claim 27 wherein the lenses are Fresnel lenses.

30. (Original) The projection system of claim 26 wherein the optical element comprises a hologram.

31 – 43. Cancelled